

Table of Contents

1 Checkpoint Integration.....	1
2 Overview.....	2
3 Baseline.....	3
4 Prerequisites.....	4
5 Gaia Configuration.....	5
5.1 Enabling RADIUS Authentication in Gaia.....	5
6 Customising the Gaia Login Page.....	6
6.1 Test the RADIUS authentication.....	6
7 Swivel Configuration.....	16
7.1 Configuring the RADIUS server.....	16
7.2 Enabling Session creation with username.....	16
7.3 Setting up Swivel Dual Channel Transports.....	16
8 Testing.....	20
9 Troubleshooting.....	21
10 Additional Information.....	22
11 MobileIron Integration.....	23
12 Overview.....	24
13 Prerequisites.....	25
14 How does it work.....	26
15 SwivelSecure Configuration.....	27
15.1 Enabling Standard Federation - Sales Force.....	27
15.2 Enabling Standard Federation - Office 365.....	35
16 Related Articles.....	40
17 Additional Information.....	41

1 Checkpoint Integration

PINsafe to Checkpoint Gaia
Integration Notes

2 Overview

Swivel can provide strong and two factor authentication to the Checkpoint Gaia. This document outlines the details required to carry this out.

3 Baseline

Swivel 4.x

Checkpoint Gaia appliance version R77.30.

4 Prerequisites

Working Checkpoint, smart console

Swivel 4.x

Note that modifications to the Connectra login page will affect ALL users (but not the administration page).

Use of the [TURing](#), Security String Index or [SMS Confirmed](#) message will require the use of a NAT.

When a Swivel appliance VIP is used, the real IP address should be used and not the VIP. For redundancy select Primary and Secondary RADIUS servers, see [VIP on PINsafe Appliances](#).

5 Gaia Configuration

5.1 Enabling RADIUS Authentication in Gaia

You need to configure Swivel as an authentication server on the Gaia appliance.

- Open Smart Dashboard and log in.
- Under Network and Resources -> Hosts, configure the Swivel server as a new host. You just need to give it a name and add the IP address.
- Under Users and Authentication -> Authentication -> RADIUS Servers, create a new RADIUS server. Select Swivel as the host, ?NEW-RADIUS? as the service, and enter the shared secret you previously set on the Swivel server. You can select RADIUS version 1 or 2, and PAP or MSChap as the protocol: Swivel will detect these protocols automatically. Note: When a Swivel appliance VIP is used, the real IP address should be used and not the VIP. For redundancy select Primary and Secondary RADIUS servers, see [VIP on PINsafe Appliances](#).

You will also need to configure authentication for the relevant users. The simplest way to handle this is to create a new user group containing all users that will be using Swivel (if you do not already have one):

- Go to Users and Authentication -> Internal Users -> User Groups.
- Then under User Templates, create a new template, or modify an existing one, containing the relevant group, and set the authentication to RADIUS, using the Swivel server.

Don't forget to save and install the policy once you have made all relevant changes.

6 Customising the Gaia Login Page

NOTE: it is assumed here that you are familiar with Unix commands, in particular with the vi editor, as you will need to edit a file.

NOTE: There is an example [LoginPage.php](#) available which is the Login.php file with the modifications already included. This can be used for reference but may not be 100% suitable for specific installations and different Gaia versions.

6.1 Test the RADIUS authentication

At this stage it should be possible to authenticate by [SMS](#), hardware [Token](#), [Mobile Phone Client](#) and [Taskbar](#) to verify that the RADIUS authentication is working for users. Browse to the SSL VPN login page, and enter Username and if being used, the password. From the Swivel Administration console select User Administration and the required user then [View Strings](#), and select an appropriate authentication string or OTC for the user. At the SSL VPN login enter the required OTC. Check the Swivel logs for a RADIUS success or rejected message. If no RADIUS message is seen, check that the Swivel RADIUS server is started and that the correct ports are being used.

10.10.110.72 - Check Point SmartDashboard R77.30 - Mobile Access

Install Policy SmartConsole

Firewall Application & URL Filtering Data Loss Prevention IPS Threat Prevention Anti-Spam & Mail Mobile Access IPsec VPN

Overview

Mobile Access allows your employees to securely read email and connect to intranet sites using a mobile device or web browser.

My Organization

1 Security Gateway is allowing Mobile Access [Add Gateway...](#)

	IP Address	Web	Mobile	Desktop	Compliance
VLABFWL002	10.10.110.72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Users and Policy

Active Sessions on Gateway/s:

Users

19:54:00 19:54:30 19:55:00 19:55:30 19:56:00 19:56:30 19:57:00 19:57:30

Network Objects

- Check Point
 - VLABFWL002
 - Nodes
 - Networks
 - CP_default_Office_Mode_addresses
 - Groups
 - Address Ranges
 - Dynamic Objects

10.10.110.72 - Check Point SmartDashboard R77.30 - Mobile Access

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Overview

Mobile Access allows your employees to securely read email and connect to intranet sites using a mobile device or web browser.

My Organization

1 Security Gateway is allowing

IP Address
VLABFWL002

Users and Policy

Active Sessions on Gateway/s: All Gateways

Users

19:54:00 19:54:30 19:55:00 19:55:30 19:56:00 19:56:30 19:57:00 19:57:30

Check Point Gateway - VLABFWL002

General Properties

- Topology
- NAT
- HTTPS Inspection
- HTTP/HTTPS Proxy
- Platform Portal
- VPN Clients
- Mobile Access
 - Authentication
 - Office Mode
 - Portal Customization
 - Portal Settings
 - SSL Clients
 - HTTP Proxy
 - Name Resolution
 - Link Translation
 - Endpoint Compliance
 - Check Point Security
- Logs
 - Optimizations
 - Hit Count
- Other

Check Point Gateway - General

Machine

Name: VLABFWL002

IPv4 Address: 10.10.110.72

IPv6 Address:

Comment:

Secure Internal Communication

Communication... Certificate

Platform

Hardware: Open server

Software Blades

Network Security Blades: SG

Network Security (2) Manage

- Firewall
- IPSec VPN
 - Policy Server
- Mobile Access
- IPS
- Anti-Bot
- Anti-Virus
- Anti-Spam & Email Security
- Identity Awareness
- Monitoring

10.10.110.72 - Check Point SmartDashboard R77.30 - Mobile Access

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	IP Address
VLABFWL002	10.10.110.72

Users and Policy

Active Sessions on Gateway/s: All Gateways

Users

19:54:30 19:55:00 19:55:30 19:56:00 19:56:30 19:57:00 19:57:30

Check Point Gateway - VLABFWL002

- General Properties
- Topology
- NAT
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 - Name Resolution
 - Link Translation
 - Endpoint Compliance
 - Check Point Security
- Logs
 - Optimizations
 - Hit Count
- Other

Authentication for Mobile Access

Authentication Method

- Defined on user record (Legacy)
- Username and password
- RADIUS
 - Name
- SecurID
- Personal certificate

Two-Factor Authentication: 0 object(s)

- Global setting
 - New...
 - RADIUS
 - RADIUS
- Custom settings

Allow DynamicID for mobile

Certificate Authentication for mobile

- Require client certificate when connecting to intranet sites
- Require client certificate when connecting to Internet sites

Network Objects

- Check Point
 - VLABFWL002
 - Nodes
 - Networks
 - CP_default_Office_Mode_addresses
 - Groups
 - Address Ranges
 - Dynamic Objects

10.10.110.72 - Check Point SmartDashboard R77.30 - Mobile Access

Install Policy SmartConsole

Firewall Application & URL Filtering Data Loss Prevention IPS Threat Prevention Anti-Spam & Mail Mobile Access IPSec VPN

Overview

Mobile Access allows your employees to securely read email and connect to intranet sites using a mobile device or web browser.

My Organization

1 Security Gateway is allowing

IP Address
VLABFWL002

Users and Policy

Active Sessions on Gateway/s: All Gateways

Users

10
9
8
7
6
5
4
3
2
1
0

19:54:30 19:55:00 19:55:30 19:56:00 19:56:30 19:57:00 19:57:30 19:58:00

Check Point Gateway - VLABFWL002

- General Properties
 - Topology
 - NAT
 - HTTPS Inspection
 - HTTP/HTTPS Proxy
 - Platform Portal
 - VPN Clients
 - Mobile Access
 - Authentication
 - Office Mode
 - Portal Customization
 - Portal Settings
 - SSL Clients
 - HTTP Proxy
 - Name Resolution
 - Link Translation
 - Endpoint Compliance
 - Check Point Security
 - Logs
 - Optimizations
 - Hit Count
 - Other

Authentication for Mobile Access

Authentication Method

Defined on user record (Legacy)

Username and password

RADIUS Server Properties - SwivelCloud

General Accounting

Name: SwivelCloud

Comment:

Color: Black

Host:

Service: UDP RADIUS

Shared Secret:

Version: RADIUS Version

Protocol: PAP

Priority: 1

Network Objects

- Check Point
 - VLABFWL002
 - Nodes
 - Networks
 - CP_default_Office_Mode_addresses
 - Groups
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 - Dynamic Objects

10.10.110.72 - Check Point SmartDashboard R77.30 - Mobile Access

Install Policy SmartConsole

Firewall Application & URL Filtering Data Loss Prevention IPS Threat Prevention Anti-Spam & Mail Mobile Access IPSec VPN

Overview

Mobile Access allows your employees to securely read email and connect to intranet sites using a mobile device or web browser.

My Organization

1 Security Gateway is allowing

	IP Address
VLABFWL002	10.10.110.72

Host Node - demo.swivelcloud.com

Host Node - General Properties

Machine Name: demo.swivelcloud.com
 IPv4 Address: 52.18.78.73
 IPv6 Address:
 Comment:
 Products:
 Configure Servers...

Users and Policy

Active Sessions on Gateway/s: All Gateways

Users

19:54:30 19:55:00 19:55:30 19:56:00 19:56:30 19:57:00 19:57:30 19:58:00

Network Objects

- Check Point
 - VLABFWL002
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My Organization

1 Security Gateway is allowing

	IP Address
VLABFWL002	10.10.110.72

Users and Policy

Active Sessions on Gateway/s: All Gateways

Users

10
9
8
7
6
5
4
3
2
1
0

19:55:30 19:56:00 19:56:30 19:57:00 19:57:30 19:58:00 19:58:30

Check Point Gateway - VLABFWL002

- General Properties
 - Topology
 - NAT
 - HTTPS Inspection
 - HTTP/HTTPS Proxy
 - Platform Portal
 - VPN Clients
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 - Authentication
 - Office Mode
 - Portal Customization
 - Portal Settings
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 - Check Point Security
 - Logs
 - Optimizations
 - Hit Count
 - Other

Authentication for Mobile Access

Authentication Method

Defined on user record (Legacy)

Username and password

RADIUS Server Properties - SwivelCloud

General Accounting

Name: SwivelCloud

Comment:

Color: Black

Host: demo

Service: UDP NEW

Shared Secret: *****

Version: RADIUS V

Protocol: PAP

Priority: 1

Network Objects

- Check Point
- VLABFWL002
- Nodes
- Networks
 - CP_default_Office_Mode_addresses
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- Dynamic Objects

10.10.110.72 - Check Point SmartDashboard R77.30 - Mobile Access

Install Policy SmartConsole

Firewall Application & URL Filtering Data Loss Prevention IPS Threat Prevention Anti-Spam & Mail Mobile Access IPSec VPN

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	IP Address	Web	Mobile	Desktop	Compliance
VLABFWL002	10.10.110.72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Install Policy

1 gateway selected

Type to search

Installation Targets

VLABFWL002

Network Security

Advanced

Users and Policy

Active Sessions on Gateway/s: All Gateways

Users

10
9
8
7
6
5
4
3
2
1
0

19:58:30 19:59:00 19:59:30 20:00:00 20:00:30 20:01:00 20:01:30

Network Objects

- Check Point
 - VLABFWL002
 - Nodes
- Networks
 - CP_default_Office_Mode_addresses
 - Groups
 - Address Ranges
 - Dynamic Objects

10.10.110.72 - Check Point SmartDashboard R77.30 - Mobile Access

Install Policy SmartConsole

Firewall Application & URL Filtering Data Loss Prevention IPS Threat Prevention Anti-Spam & Mail Mobile Access IPSec VPN

Overview

Mobile Access allows your employees to securely read email and connect to intranet sites using a mobile device or web browser.

My Organization

1 Security Gateway is allowing Mobile Access [Add Gateway...](#)

	IP Address	Web	Mobile	Desktop	Compliance
VLABFWL002	10.10.110.72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A

Users and Policy

Active Sessions on Gateway/s:

Users

19:58:30 19:59:00 19:59:30 20:00:00 20:00:30 20:01:00 20:01:30 20:02:00

Installation Process - Standard

Installation

Installation Targets	Version	Network S
VLABFWL002	R77.30	Verify

Progress

Verifying...

Network Objects

- Check Point
 - VLABFWL002
 - Nodes
 - Networks
 - CP_default_Office_Mode_addresses
 - Groups
 - Address Ranges
 - Dynamic Objects

- Overview
- Policy
- Gateways
- Applications
- Authentication
- Client Certificates
- Portal Settings
- IPS
- Endpoint Security On Demand
- Capsule Workspace Settings
- Additional Settings

Authentication

Allowed Authentication Schemes on Gateways

Name	Check Point Password	SecurID
VLABFWL002	Allowed	Allowed

Two-Factor Authentication with DynamicID

Challenge users to provide the DynamicID one time password sent to their email account or mobile device via SMS.

SMS Provider and Email Settings

Specify the URL of your SMS provider, your email settings, or both. (See the online help for details and examples)

SMS provider and email settings:

SMS Provider Account Credentials (not necessary for email only):

Username:
 Password:
 Confirm password:
 API ID:

RADIUS Server Properties

General | Accounting

Name: SwivelCloud

Comment:

Color: Black

Host: demo.

Service: UDP NEW-I

Shared Secret:

Version: RADIUS V

Protocol: PAP

Priority: 1

- Servers and OPSEC
- Servers
 - RADIUS
 - SwivelCloud
 - Trusted CAs
 - OPSEC Applications

7 Swivel Configuration

7.1 Configuring the RADIUS server

On the Swivel Administration console configure the RADIUS Server and NAS, see [RADIUS Configuration](#)

7.2 Enabling Session creation with username


To allow the [TURing](#) image, [Pinpad](#) and other single channel images, under Server/Single Channel set [Allow session request by username](#) to Yes.

7.3 Setting up Swivel Dual Channel Transports

See [Transport Configuration](#)

Swivel Administration Lo X

Seguro | https://demo.swivelcloud.com:8080/sentry/



- [Login](#)


Swivel Administration Login

Username:

OTC:

Swivel Configuration x What's My IP Address? | x

Seguro | https://demo.swivelcloud.com:8080/sentry/config/radius/nas



- [Status](#)
- [Log Viewer](#)
- ▣ [Server](#)
- ▣ [Policy](#)
- ▣ [Logging](#)
- ▣ [Messaging](#)
- ▣ [Database](#)
- ▣ [Mode](#)
- ▣ [Repository](#)
- ▣ [RADIUS](#)
 - [Server](#)
 - [NAS](#)
- ▣ [Migration](#)
- ▣ [Windows GINA](#)
- ▣ [Appliance](#)
- ▣ [OATH](#)
- ▣ [Config Sync](#)
- ▣ [Reporting](#)
- [User Administration](#)
- [Save Configuration](#)
- [Upload Email Images](#)
- [Administration Guide](#)
- [Logout](#)

RADIUS>NAS


Please enter the details for any RADIUS network access servers. A NAS

NAS:

- ▣ [Juniper](#)
- ▣ [NetScaler](#)
- ▣ [CiscoASA](#)
- ▣ [Rob](#)
- ▣ [Watchguard](#)
- ▣ [Lisbon_Forti_300C](#)
- ▣ [New_Entry](#)

Swivel Configuration x What's My IP Address? | x

Seguro | https://demo.swivelcloud.com:8080/sentry/config/radius/nas



- [Status](#)
- [Log Viewer](#)
- ▣ [Server](#)
- ▣ [Policy](#)
- ▣ [Logging](#)
- ▣ [Messaging](#)
- ▣ [Database](#)
- ▣ [Mode](#)
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- [Save Configuration](#)
- [Upload Email Images](#)
- [Administration Guide](#)
- [Logout](#)

RADIUS>NAS

Please enter the details for any RADIUS network access servers. A NAS is

NAS:

- ▣ [Juniper](#)
- ▣ [Netscaler](#)
- ▣ [CiscoASA](#)
- ▣ [Rob](#)
- ▣ [Watchguard](#)
- ▣ [Lisbon_Forti_300C](#)
- ▣

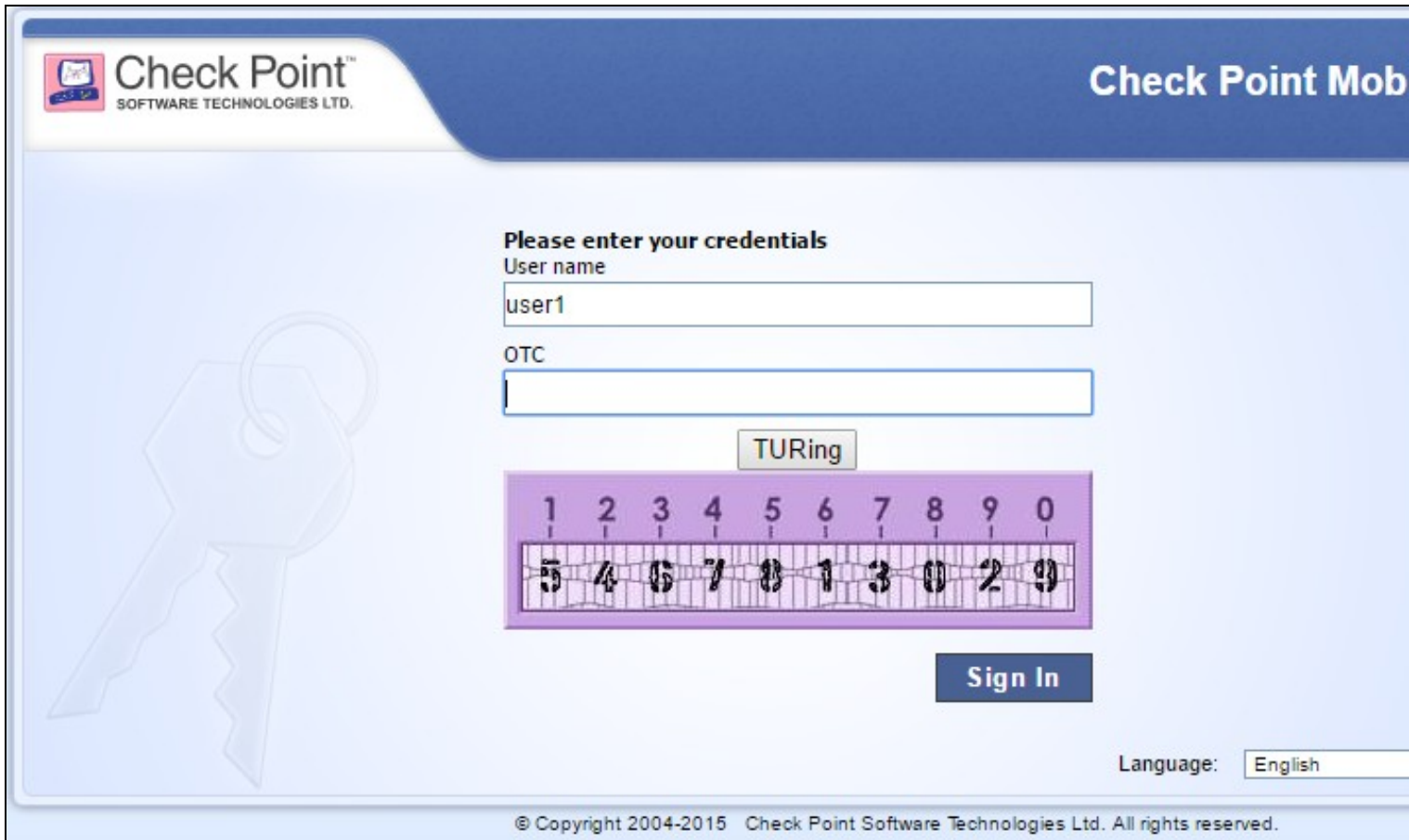
Identifier:	<input type="text" value="CheckPoint Dev"/>
Hostname/IP:	<input type="text" value="89.114.238.196"/>
Secret:	<input type="password" value="....."/>
Group:	<input type="text" value="--ANY--"/>
EAP protocol:	
Authentication Mode:	
Vendor (Groups):	<input type="text" value="None"/>
Change PIN warning:	<input type="text" value="No"/>
Two Stage Auth:	<input type="text" value="No"/>
Allow blank password at Stage One:	<input type="text" value="No"/>
Send Security String after Stage One:	<input type="text" value="Yes"/>
Even if User has Valid String:	<input type="text" value="Yes"/>
Check password with repository:	<input type="text" value="No"/>
Push Enabled:	<input type="text" value="No"/>
Authenticate non-user with just password:	<input type="text" value="No"/>
Username attribute for repository:	<input type="text"/>
Allow alternative usernames:	<input type="text" value="No"/>
Alternative username attributes:	<input type="text"/>
OTC timeout (mins):	<input type="text" value="0"/>
Internal IP ranges:	<input type="text"/>
Send username in challenge:	<input type="text" value="No"/>

▣ [New Entry](#)

Aguardar por demo.swivelcloud.com

8 Testing

With the changes in place, when a user accesses the Gaia portal they will see the modified login page.



Check Point™
SOFTWARE TECHNOLOGIES LTD.

Check Point Mob

Please enter your credentials

User name
user1

OTC

TURing

1 2 3 4 5 6 7 8 9 0
5 4 6 7 8 1 3 0 2 9

Sign In

Language: English

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After entering their username and either tabbing away from the username field or clicking the TURing button they will be presented with a TURing image. The PINsafe log should record a session start for that user.

The user can then use their PIN to extract their one-time code and enter this to authenticate. The PINsafe log should record the RADIUS dialogue associated with this authentication.

9 Troubleshooting

Check the Swivel logs for Turing images and RADIUS requests.



The screenshot displays the Swivel Log Viewer interface. On the left is a navigation menu with options like Status, Log Viewer, Server, Policy, Logging, Messaging, Database, Mode, Repository, RADIUS, Migration, Windows GINA, Appliance, OATH, Config Sync, Reporting, User Administration, Save Configuration, Upload Email Images, Administration Guide, and Logout. The main area is titled 'Swivel Log Viewer' and includes a filter set to 'ALL', search fields, and an 'Events per page' dropdown set to 200. Below these controls is a table of log entries.

Timestamp	Level	Message
20:05:26 23/03/2017	INFO	RADIUS DEBUG: <191> Access-Reject(3) LEN=65 80
20:05:26 23/03/2017	INFO	RADIUS DEBUG: <191> ----- Pack Reject(3) 000: 03 BF 00 14 0D 08 61 B6 - 97 A0 0E 4
20:05:26 23/03/2017	INFO	RADIUS DEBUG: <191> Access-Reject(3) LEN=65 80
20:05:26 23/03/2017	INFO	RADIUS: <191> Access-Request(1) LEN=65 89.114.2 AGENT_ERROR_USER_NOT_IN_GROUP
20:05:26 23/03/2017	INFO	RADIUS DEBUG: <191> Access-Request(1) LEN=65 8 AGENT_ERROR_USER_NOT_IN_GROUP
20:05:26 23/03/2017	INFO	From the IP Address 89.114.238.196 NAS ID Lisbon_1 repository to continue the authentication attempt.
20:05:26 23/03/2017	INFO	RADIUS: <191> Access-Request(1) LEN=65 80.114.3
20:05:26 23/03/2017	INFO	RADIUS DEBUG: <191> Access-Request(1) LEN=65 8
20:05:26 23/03/2017	INFO	RADIUS DEBUG: <191> ----- Pack Request(1) 000: 01 EF 00 41 8D DF 40 B9 - 71 30 B- 74 6F 72 02 12 3A 59 3D - 58 6B AB AC 3F A4 23 57 Attributes: User-Name (1), Length: 15, Data: {admin 0x3A493D5858A8AC3FA423571688E5581 Service-Ty 0x0ADA654B <191> -----
20:05:26 23/03/2017	INFO	RADIUS DEBUG: <191> Access-Request(1) LEN=65 8
20:05:21 23/03/2017	INFO	RADIUS DEBUG: <191> Access-Reject(3) LEN=65 80
20:05:21 23/03/2017	INFO	RADIUS DEBUG: <191> ----- Pack Reject(3) 000: 03 BF 00 14 0D 08 61 B6 - 97 A0 0E 4
20:05:21 23/03/2017	INFO	RADIUS DEBUG: <191> Access-Reject(3) LEN=65 80

10 Additional Information

For assistance in the Swivel Secure installation and configuration please firstly contact your reseller and then email Swivel Secure support at supportdesk@swivelsecure.com

11 MobileIron Integration

AuthControl Sentry/Cloud to MobileIron
Integration Notes

12 Overview

Swivel Secure can provide strong and two factor authentication to the Mobile Iron. AuthControl Sentry is a linux based IdP for SAML federations. It is provided as on-prem or Cloud SaaS flavours, providing an adaptative authentication multifactor, managed by a system of points, depending on the factor used and the target app to access. This document outlines the details required to carry this out.

13 Prerequisites

Working MobileIron (MobileIron Sentry appliance) MobileIron Core 9.X and Connector 9.X AuthControl Sentry 4.x

14 How does it work

At App level we use conditional access to Cloud SaaS federated with SAMLv2. The Federated Identity works in 3-way trust with Access between Identity Provider (IDP), Service Provider (SP) and the Access provided by MobileIron AdminPortal/Access Gateway.

15 SwivelSecure Configuration

15.1 Enabling Standard Federation - Sales Force

The standard federation involves just this 3 fields:

- Portal URL: (this Endpoint URL can be found on the Setup -> Security Controls -> Single Sign-On

Settings page in Salesforce.com, listed as ?Salesforce Login URL? under the Endpoints section. It is unique to your Salesforce.com instance and domain.

- Entity ID:, Reflected on SalesForce SSO configuration for My Domain
- Federeated id: That needs to match with the attributed defined on Salesforce.com and Swivel

- Rules
- Applications**
- Authentication Methods
- View IdP Metadata
- Keys
- Users Active Sessions
- User History
- Log Viewer
- General Configuration
- Application Images

SAML Application



Note: The Endpoint URL is used only if the ACS (Assertion SAML [Security Assertion Markup Language] request).

Name

Salesforce

Image

Salesforce.png

Points

0

Portal URL

https://yourdomain.salesforce.com?

Endpoint URL

Entity ID

https://saml.sentry.salesforce.com

Federated Id

email

Once that we have a working federation from AuthControl Sentry and the SP, (in the example we will use Salesforce), this is just a standard Salesforce and Custom IdP federation on MI Access console, as the MFA part from Swivel will be triggered once the MI Access has approved the connection. AuthControl Sentry provides a metadata url to quickly get the XML from IdP. It uses POST method for federation.

Rules

Applications

Authentication Methods

View IdP Metadata

Keys

Users Active Sessions

User History

Log Viewer

General Configuration

Application Images


Swivel + Salesforce

Demo

No description

Policy Name: Default Policy

SAML Customization of Mobile Iron settings, Portal URL, Entity ID and Federated ID:

Name	SalesForce secured by MI Access
Image	Salesforce secured.png 
Points	100
Portal URL	https://milabses-dev-ed.my.salesforce.com?so=00D0Y000001ktKL
Endpoint URL	
Entity ID	https://access.mi-labs.es/MobileIron/acc/9b6d9547-11f8-4a8f-b943
Federated Id	email

SAML Customization in the Sales Force Side. Settings for Mobile Iron.

SAML Single Sign-On Settings

[Back to Single Sign-On Settings](#)

[Edit](#) [Delete](#) [Clone](#) [Download Metadata](#) [SAML](#)

Name	SwivelAccess
SAML Version	2.0
Issuer	https://access.mi-labs.es/MobileIron/acc/9b6d9547-11f8-4a8f-b943-e816bccc2905/idp
Identity Provider Certificate	C=US, ST=California, L=Mountain View, O=MobileIron, OU=Support, CN=Signing Expiration: 12 Jul 2047 08:45:42 GMT
Request Signing Certificate	SelfSignedCert_12Jun2017_174925
Request Signature Method	RSA-SHA256
Assertion Decryption Certificate	Assertion not encrypted
SAML Identity Type	Username
SAML Identity Location	Subject
Service Provider Initiated Request Binding	HTTP POST
Identity Provider Login URL	https://access.mi-labs.es/MobileIron/acc/9b6d9547-11f8-4a8f-b943-e816bccc2905
Identity Provider Logout URL	https://ssauth.mi-labs.es:8443/sentry/singlelogout
Custom Error URL	

Just-in-time User Provisioning

User Provisioning Enabled

Endpoints

Salesforce Login URL	https://milabses-dev-ed.my.salesforce.com?so=00D0Y000001ktKL
OAuth 2.0 Token Endpoint	https://milabses-dev-ed.my.salesforce.com/services/oauth2/token?so=00D0Y0000

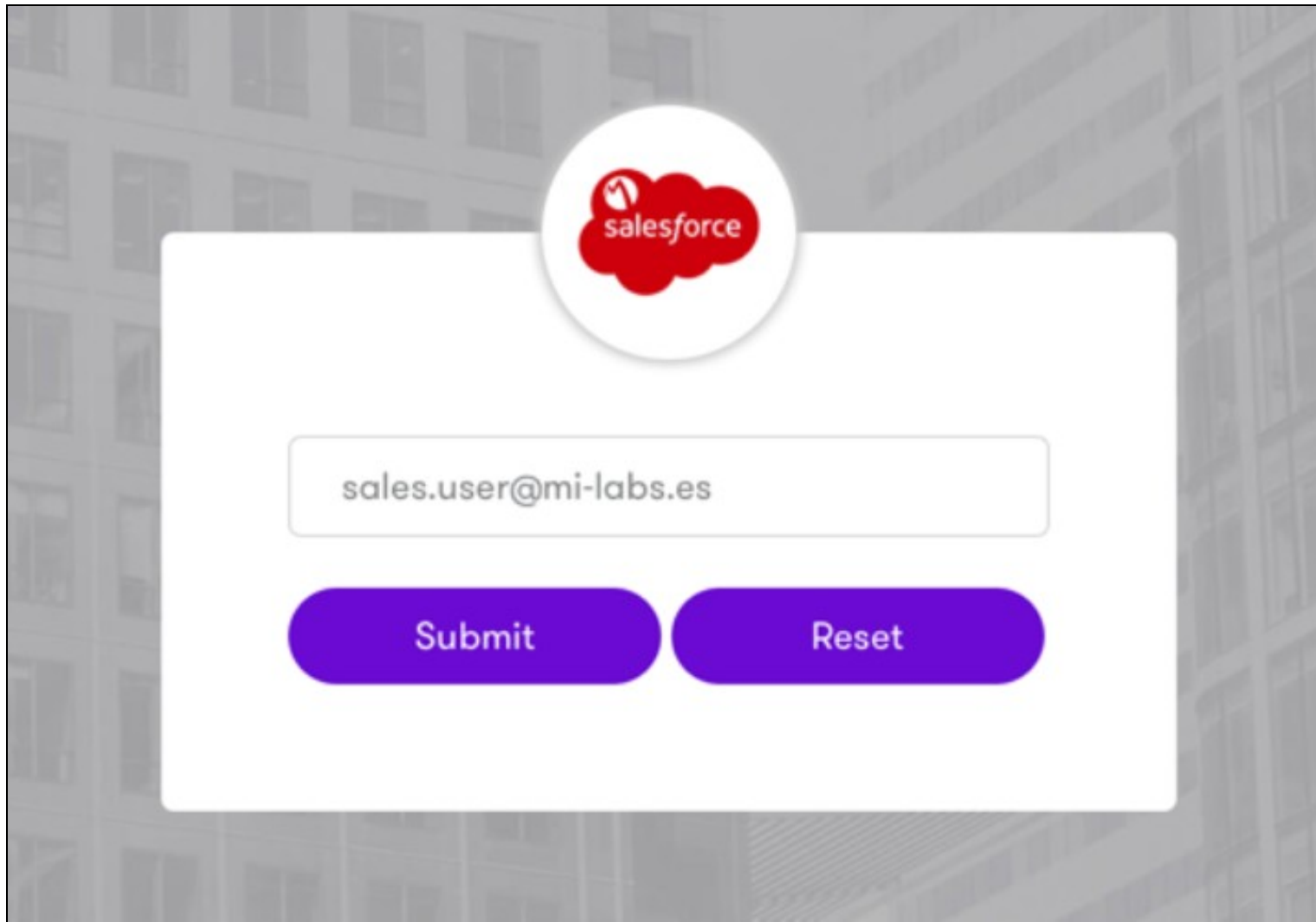
[Edit](#) [Delete](#) [Clone](#) [Download Metadata](#) [SAML](#)

After the application settings definitions have been applied the applications are available in AuthControl Sentry's web portal.



SalesForce secured by MI Access

User Login in Authcontrol Sentry with SalesForce using the MI Account



SSO for Salesforce using Mobile Iron and Turing image from SwivelSecure. This means that the user logs in using the Swivel Secure credentials, by the selected method (in this case Turing image) into the Sales Force (without the need of using Sales Force Credentials).



sales.user@mi-labs.es

Password

l0TC 



Login

Refresh Image

Successfull login in Sales Force.

The screenshot displays the Salesforce user interface. At the top left is the Salesforce logo and a user profile picture of two birds. A search bar with the text "Search..." and a "Search" button is located at the top right. Below the search bar is a navigation bar with tabs for "Home", "Chatter", "Campaigns", "Leads", "Accounts", "Contacts", and "Opportunities". A large banner below the navigation bar reads "Take Salesforce with you where" and "Run your business from any mobile device with the".

On the left side, there is a "Quick Find / Search..." box with an information icon and a search icon. Below it are links for "Expand All" and "Collapse All". A card titled "Lightning Experience Migration Assistant" features a flower icon transitioning to a lightning bolt icon. The text says "Switch to the modern, intelligent Salesforce." and includes a "Get Started" button.

On the right side, there is a "Getting Started" section with a hammer icon and a card titled "Build App" that says "Generate a basic app with just clicks or code." and includes an "Add App" button. Below this is a "Recent Items" section with a "beta" label and a table header "Name".

15.2 Enabling Standard Federation - Office 365

In the case of Office365, AuthControl requires that the main federation must be performed with ADFS. On a working federation, a complement has to be installed on ADFS 3.0 server.

Swivel Authentication Provider Configuration

Settings | Languages | Logging | Advanced

Swivel URL: :// : /

Allow self-signed certificates

Agent Secret:

Confirm Secret:

Allow non-PINsafe users

Ignore domain prefix

Ignore domain suffix

Image Type: Auto-show Image

Image Source:

Turing URL:

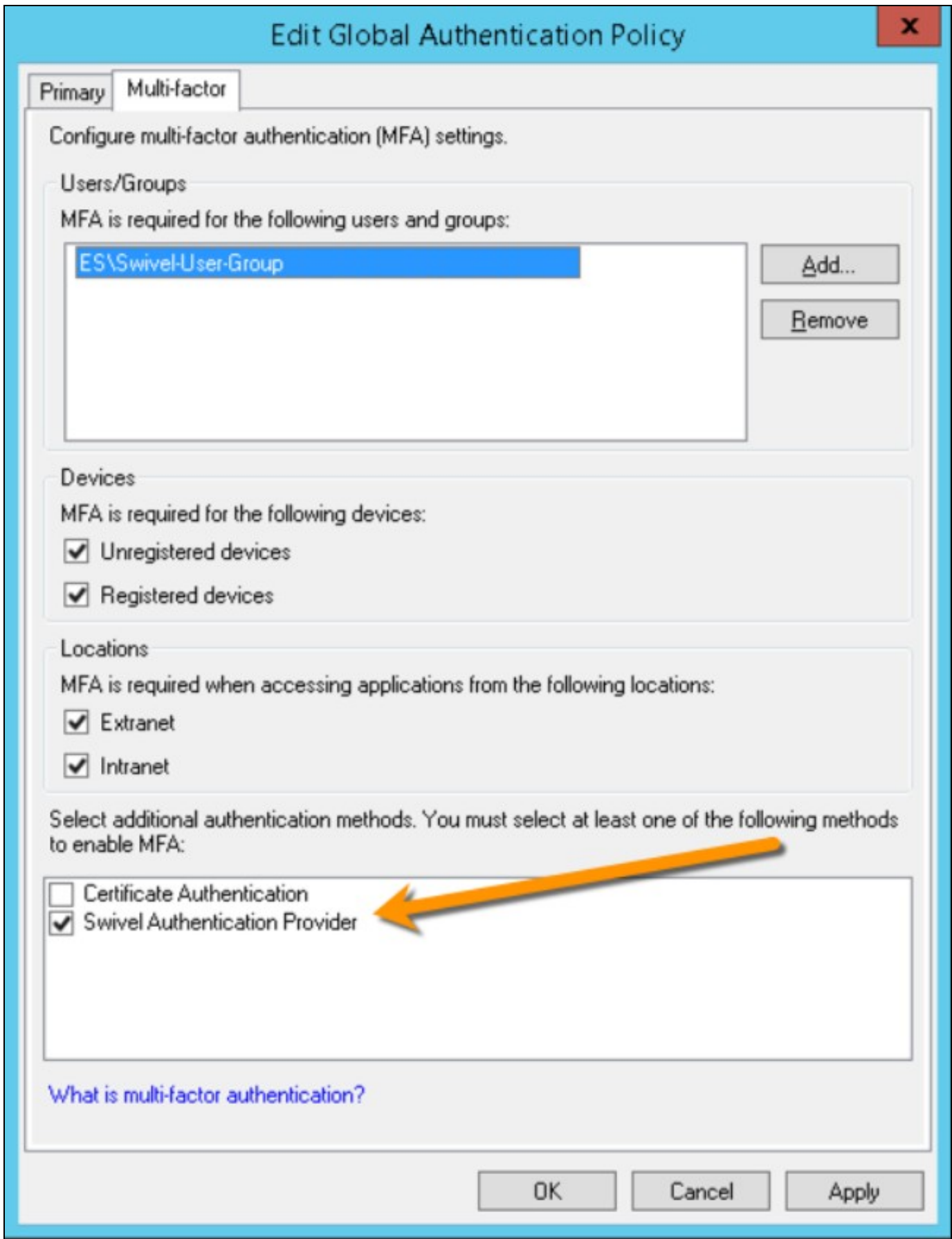
Pinpad URL:

Swivel ADFS Authentication Provider, version 1.0.6.2, Copyright © Swivel Secure Ltd 2015

There's a couple of choices depending if the customer is using ADFS Proxy servers or not.

This plugin installs Swivel Secure product as an MFA to be applied via ADFS Authentication Policy Settings.

Set AuthControl Sentry / Swivel Secure as Authentication Provider



On AuthControl Sentry side, we will create an Application configuration with MI Access, IdP and Office365 endpoints:



Note: The Endpoint URL is used only if the ACS (Assertion Consumer Service) is not supplied in the SAML (Security Assertion Markup Language) request.

Name

Office365 secured by MI Access

Image

O365.png



Points

100

Portal URL

<https://login.microsoftonline.com/login.srf>

Endpoint URL

<https://access.mi-labs.es/MobileIron/acc/9b7ea0b6-e908-4111-8eb1-94c>

Entity ID

<https://access.mi-labs.es/MobileIron/acc/9b7ea0b6-e908-4111-8eb1-94c>

Federated Id

userPrincipalName

This way, ADFS will require PINPAD or Turing image in order to validate and access Office365, in addition to ADFS primary authentication policy.

MI LABS ES Login

Welcome ES\office.user

For security reasons, we require additional information to verify your account

OTC:



refresh

Continue

16 Related Articles

- ADFS configuration

https://kb.swivelsecure.com/w/index.php/Microsoft_ADFS_3_Authentication

17 Additional Information

For assistance in the Swivel Secure installation and configuration please firstly contact your reseller and then email Swivel Secure support at supportdesk@swivelsecure.com